

Applicant: Arie Pieter Otte  
Serial No.: 09/762,916  
Filed: June 29, 2001  
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#### REMARKS

Claims 25-55 were pending in the subject application. Claims 25-49 were elected by applicant for prosecution on the merits. By this Amendment, claims 39 and 50-55 have been canceled without prejudice or disclaimer, and claims 25 and 40-42 have been amended. Accordingly, upon entry of this Amendment, claims 25-38 and 40-49 will be pending and under examination.

The amendments to claims 25 and 40-42 do not raise an issue of new matter. Support for the amendments can be found in the previous version of the claims. In particular, support for the amendment to claim 25 can be found in previous claim 39. Accordingly, entry of the Amendment is respectfully requested.

#### Election of Species Requirement

In the Office Action, the Examiner required the applicant to clarify which claims are readable on the elected species (i.e., DNA sequence that is recognized by a heterochromatin-binding protein comprising HP1, as recited in dependent claim 39). Applicant has hereinabove amended claim 25 to recite the elected species, thereby clarifying the claims that are readable on that species.

#### Correction of Attorney Docket Number

Please note that the Attorney Docket Number for this case has been changed to "92750/58."

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CONCLUSION

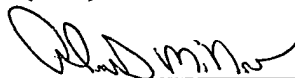
No fee, other than the enclosed \$210.00 fee for a two month extension of time, is deemed necessary in connection with the filing of this Amendment. However, if any other fee is required to preserve the pendency of the subject application, authorization is hereby given to charge the amount of any such fee to Deposit Account No. 01-1785.

Respectfully submitted,

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Dated: October 1, 2003  
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By



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